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March 3, 1998

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The Commissioner of Patents and Trademarks  
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MATRIX CUSTOMER  
SERVICE CENTER


Dear Sir:

Re: U.S. Patent Application No. 08/501,743  
Applicant: Raafat Fahim et al  
Title: *Acellular Pertussis Vaccines and Methods  
of Preparation Thereof*  
Examiner: Anthony C. Caputa  
Group No.: 1800

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In response to the communication of February 3, 1998, enclosed herewith is a signed copy of the Amendment faxed December 15, 1997. The inconvenience caused to the Examiner is regretted.

Yours very truly,

  
Michael I. Stewart  
Reg. No. 24, 973

MIS:ep  
Encl.